

1 Aug 2007

LETTER OF INTENT

FOR

THE DESIGN, PROCUREMENT AND INSTALLATION
OF THE COMMUNICATION SYSTEMS

6th MEDICAL GROUP REPLACEMENT CLINIC
MACDILL AIR FORCE BASE, TAMPA, FLORIDA

SUBJECT: 6th Medical Group Replacement Clinic, FY XX DODM , PN XXXXX, MacDill Air Force Base, Tampa, Florida.

1. References:

a. ER 1110-3-110, Information Systems Design In Support of Military Construction, dated 30 APR 92.

2. Purpose: This Letter of Intent is written to more clearly define and to document mutual agreement in regards to the roles and responsibilities of various agencies and organizations involved in the design, procurement, and installation of the communications systems for the subject project. Delineating the responsibilities of each agency/organization will enable a fully functional system to be provided that meets the needs of the User on time and within budget. Agencies and organizations with responsibilities herein further defined include:

- a. 6th Communications Squadron
- b. U.S. Air Force Center for Environmental Excellence (AFCEE)
- c. U. S. Army Corps of Engineers, Medical Facilities Center of Expertise (CEHNC-ED-MX)
- d. U. S. Army Engineer District, Mobile (CESAM)
- e. U.S. Air Force Health Facility Project Office East (HFPO-E)

3. General:

a. The Subject project will provide a new medical clinic for MacDill AFB, replacing the existing community Hospital. This facility is to be provided with state of the art telecommunications systems.

b. Communication systems for this project that must be addressed by the A-E

designer (Rogers, Lovelock and Fritz, RLF) and/or the responsible agencies/organizations include:

1) Telephone system (voice and data), to include:

i. Outside plant (outside 5-ft line). This will include extensions for copper cabling and fiber optics cabling to include: connections, extension to the new facility via a new underground conduit ductbank system, with communications manholes/handholes; all as necessary to extend cabling from existing cable locations at Communications Manhole CMH-100 and building 1079.

ii. Inside plant (inside 5-ft line) premises distribution system (PDS), including cable trays, cabling, outlets, terminal blocks, backboards, and patch panels for voice and data networks. The PDS is to include both copper and fiber cables.

2) Nurse Call System.

3) Public Address (PA) and Paging System, with music capability.

4) Intercom System, via the telephone system.

5) Security and Access Control Systems.

6) Fire Alarm System, via radio transmitter.

7) Television System, for entertainment and education.

8) Facsimile outlets at selected locations, as defined by HFPO-E

c. Existing Conditions:

1) The project will be constructed on a new site remote from the existing facility so all services will be new. The 6th Communications Squadron will designate 1500 copper pairs to provide voice service to the new facility at CMH 100. Building 1079 is the connection point for the new facility to the MacDill AFB Wide Area Network (WAN).

d. Project Work, Copper Cable: The project will provide a new manhole a duct bank system from the new facility in accordance with the project plans to connect to existing CMH 100. The project will provide and install a new 1500 pair copper cable from the new facility in side the new ductbank to existing CMH 100. The project will splice the new project provided cable to 1500 existing copper pairs designated by the

6th Communications squadron inside CMH 100.

e. Project Work, Fiber Cable: The project will provide and install 24 strands of single mode fiber from the new project facility to building 1079. The route will be in accordance with the project plans and utilize new and existing ducts. The project will provide and install in building 1079 and new 19 inch rack and fiber patch panel(s). The 6th Communications Squadron will provide the necessary fiber patches at the appropriate time to connect the new facility to the MacDill Air Force Base Wide Area Network.

4. Responsibilities: The responsibilities of each agency involved are defined below.

a. 6th Communications Squadron will be responsible for:

1) Performing a technical review of the overall communications systems design.

2) Coordinating with and providing information to the A-E designer and communications consultant when requested and as necessary for their design of (or provision for) telephone (voice and data), intercom, intrusion detection, fire alarm, television, and EMCS systems.

3) Providing 1500 Copper pairs inside CMH 100 to support voice service to the new facility.

4) Transitioning telephone sets and phone numbers from the existing facility to the new facility as staff move.

5) Provide a current cost for telephone set types and line cards to the A/E and COE SAM.

6) Assuring that relevant changes to existing communications systems are conveyed to the U.S. Army Corps of Engineers and to the A-E for their consideration and incorporation as appropriate.

b. U.S. Air Force Health Facilities Planning Office East (HFPO-E) will be responsible for:

1) Establish functional requirements

2) Define facsimile outlet locations

3) Define specific intrusion detection and closed circuit television system requirements.

4) Performing a functional review of the overall communications systems design.

c. CEHNC-ED-MX, Medical Facilities Center of Expertise, will be responsible for the following:

1) Providing oversight and be the technical proponent responsible for the medical criteria and standards as they relate to the design of the telephone/data system.

2) Performing technical review of A-E design, cost estimates and acquisition documents.

d. U.S. Army Engineer District, Mobile (CESAM), as the Design and Construction Agent, will be responsible for:

1) Performing technical and biddability/constructability reviews of the communications systems designed by the A-E under contract to CESAM to ensure they meet all criteria and satisfy the needs of the User.

2) Providing any required funds to the 6th Communications Squadron for procurement, installation and activation of any new telephone handsets required by the new facility.

e. U.S. Air Force Center for Environmental Excellence (AFCEE) will be responsible for:

1) Reviewing all A-E submittal documents and provide comments to CESAM, for transmission to the A-E.

2) Through CESAM, furnish design guidance to the A-E.

5. Points of Contact:

- a. 6th Communications Squadron MacDill Air Force Base
- b. HFPO-E
- c. CEHNC-ED-MX

-
- d. CESAM
 - e. USAFCEE
 - f. A-E

6. The responsibilities as defined above have been reviewed and approved by each agency. Changes to this Letter of Intent will not be made without the knowledge and concurrence of all involved.

7. If you have any questions, please contact the CESAM point of contact, Mr.

8. RATIFICATION

This Letter of Intent for the 6th Medical Group Replacement Clinic, MacDill Air Force Base has been reviewed and is approved.

6th Medical Group MacDill Air Force Base

Corps Of Engineers, South Atlantic Division, Mobile District

Corps Of Engineers, Huntsville Engineering and Support Center, Medical Facilities
Center of Expertise and Standardization

U. S. Air Force Center For Environmental Excellence

U. S. Air Force Health Facility Planning Office - East